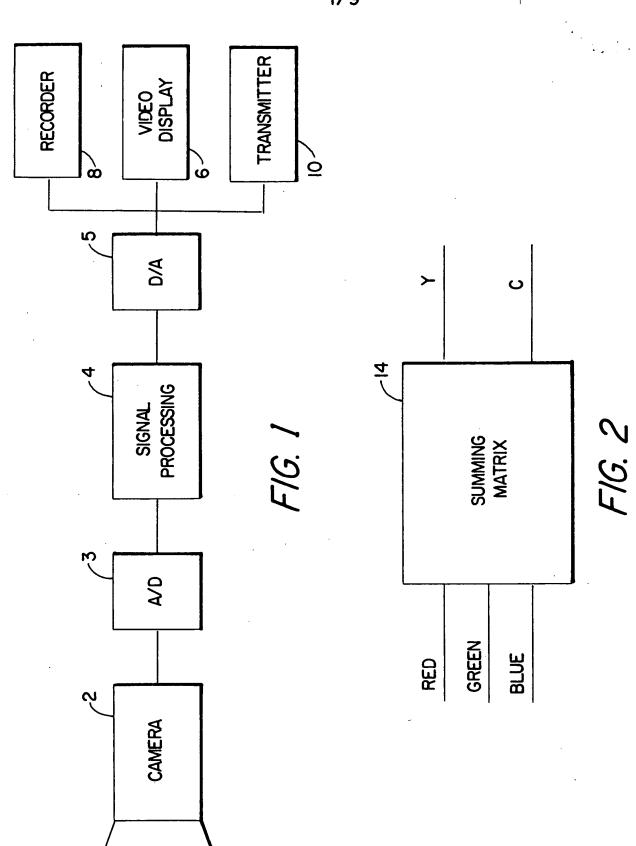
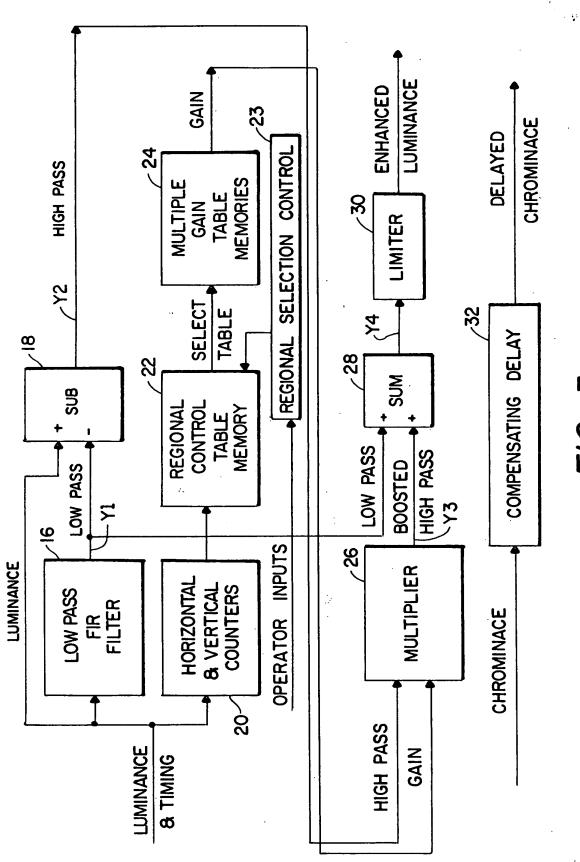
6313883

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F16. 3

1.2

1.2

1.0

GAIN TABLE MEMORY EXAMPLES

								_
1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	GAIN TABLE 2 ALL VALUES = 1.0
0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	GAIN TABLE 1 ALL VALUES = 0.5
0:0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	GAIN TABLE 0 ALL VALUES = 0
(WHITE)	•		LOW PASS	VALUES			(BLACK)	O K

GAIN TABLE 3 ENHANCEMENT LEVEL 1

1.3

1.3

FIG. 4D

FIG. 4C

FIG. 4B

FIG. 44

GAIN TABLE MEMORY EXAMPLES

0:

1.5

								•
1.0	==	1.3	1.5	2.0	2.5	3.0	3.5	GAIN TABLE 5 ENHANCEMENT LEVEL 4
1.0	1.	1.2	1.4	1.6	1.9	2.3	2.7	GAIN TABLE 5 ENHANCEMENT LEVEL 3
(WHITE) 1.0		1.2	LOW PASS 1.3	VALUES 1.4	1.5	9:1	(BLACK) 1.7	GAIN TABLE 4 ENHANCEMENT LEVEL 2

GAIN TABLE 7 ENHANCEMENT LEVEL 5

4.0

FIG. 4H

FIG. 4G

FIG. 4F

FIG. 4E

0 0	
0 0 0 0 0 0 0 0 0 0 0 7 7 7 0 0	
0 0 0 7 7 7 0 0 0	
0 0 0 7 7 7 0 0 0	
0 0 0 7 7 7 0 0 0	
0 0 0 0 0 0 0 0 0	
0 0 0 0 0 0 0 0 0	
0 0 0 0 0 0 0 0	

SMALL ENHANCED REGION SURROUNDED BY GAIN = 0 AREA

VERT

HORIZ

FIG. 5A

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	7	7	7	7	7	0	0
0	0	7	7	7	7	7	0	0
0	0	7	7	7	7	7	0	0
0	0	7	7	7	7	7	0	0
0	0	7	7	7	7	7	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

LARGER ENHANCED REGION SURROUNDED BY GAIN = 0 AREA

VERT

HORIZ

FIG. 5B

0	0	0	0	0	0	0	0	0
0	1	1	1	1	1	1	1	0
0	1	2	2	2	2	2	1	0
0	1	2	7	7	7	2	1	0
0	1	2	7	7	7	2	1	0
0	1	2	7	7	7	2	1	0
0	1	2	2	2	2	2	1	0
0	1	1	1	1	1	1	1	0
0	0	0	0	0	0	0	0	0

SMALL ENHANCED REGION SURROUNDED BY GRADUATED SOFTENING REGIONS

VERT

HORIZ

FIG. 5C

7	7	7	7	7	2	2	2	2
7	7	7	7	7	2	2	2	2
7	7	7	7	7	2	2	2	2
7	7	7	7	7	2	2	2	2
7	7	7	7	7	2	2	2	2
7	7	7	7	7	2	2	2	2
7	7	7	7	7	2	2	2	2
7	7	7	7	7	2	2	2	2
7	7	7	7	7	2	2	2	2

I VERT

> SPLIT SCREEN LEFT SIDE ENHANCED RIGHT SIDE GAIN = 1

> > **HORIZ**

FIG. 5D

7	7	7	7	7	7	7	7	7
7	7	7	7	7	7	7	7	7
7	7	7	7	7	7	7	7	7
7	7	7	7	7	7	7	7	7
7	7	7	7	7	7	7	7	7
7	7	7	7	7	7	7	7	7
7	7	7	7	7	7	7	7	7
7	7	7	7	7	7	7	7	7
7	7	7	7	7	7	7	7	7

VERT

FULL SCREEN ENHANCED

HORIZ

FIG. 5E